

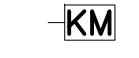





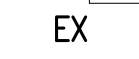






SECURITY SYSTEM LEGEND									
SYMBOL	DESCRIPTION	NOTES	ROUGH-IN REQUIREMENTS						
			PROVIDE 1-GANG BACKBOX	PROVIDE 2-GANG BACKBOX	PROVIDE 1-GANG PLASTER RING	PROVIDE 2-GANG PLASTER RING	PROVIDE (QTY/x") CONDUIT	PROVIDE AS SHOWN ON PLANS	NOTES
	CARD READER 'A.X'	REFER TO ACS SINGLE LINES AND DETAILS. NEATLY BUNDLE CABLES SEPARATE FROM OTHER UTILITIES.		✓	✓		(1)/1" c.	✓	SEE DOOR ROUGH-IN DETAILS FOR COMPLETE ROUGH-IN REQUIREMENTS, INCLUDING ROUGH-IN FOR READER, REX DEVICE, CONTACT SWITCH, AND ELECTRIC LOCK.
	KEY PAD. 'A.X'	REFER TO IDS SINGLE LINES AND DETAILS. NEATLY BUNDLE CABLES SEPARATELY FROM OTHER UTILITIES.		✓	✓		(1)/1" c.	✓	ROUTE 1" CONDUIT TO ESS ROOM.
	KEY PAD FOR EMPLOYEE TRACKING. ROUGH-IN ONLY	ROUGH-IN ONLY		✓	✓		(1)/1" c.	✓	SEE DOOR ROUGH-IN DETAILS FOR COMPLETE ROUGH-IN REQUIREMENTS. MOUNT ROUGH-IN BOX ADJACENT TO CARD READER LOCATED ON DOOR.
	DURESS ALARM (WIRELESS) (AKA HOLD UP ALARM, PANIC ALARM) OFOI	REFER TO IDS SINGLE LINES, WIRELESS PANIC ALARM BUTTONS TO BE OFOI						✓	NO ROUGH-IN REQUIRED
	DOOR CONTACT SWITCH	REFER TO IDS SINGLE LINES AND DETAILS.					(1)/1" c.	✓	SEE DOOR ROUGH-IN DETAILS FOR COMPLETE ROUGH-IN REQUIREMENTS. ROUTE CONDUIT TO TO ESS ROOM, CONCEAL ALL CONDUITS AND CABLING IN WALLS AND DOOR FRAME
	PASSIVE INFRARED MOTION DETECTOR	REFER TO IDS SINGLE LINES AND DETAILS.					(1)/1" c.	✓	PROVIDE CONDUIT TIE-IN CONCEALED IN WALL. HOMERUN TO INTRUSION DETECTION SYSTEM CONTROL PANEL
	DURESS "PANIC ALARM" NOTIFICATION LIGHT	REFER TO IDS SINGLE LINES AND DETAILS.		✓	✓		(1)/1" c.	✓	REFER TO DETAIL, SHEET TY501
	PTZ SECURITY CCTV CAMERA	REFER TO CCTV SINGLE LINES AND DETAILS. NEATLY BUNDLE CABLES SEPARATELY FROM OTHER UTILITIES WITHIN CABLE TRAY.					(1)/1" c.	✓	PROVIDE 1" CONDUIT TO NEAREST ACCESSIBLE CABLE TRAY OR ESS ROOM. SEE DETAILS
	EXTERIOR PTZ SECURITY CCTV CAMERA POLE MOUNTED OR WALL MOUNTED	REFER TO CCTV SINGLE LINES AND DETAILS.					(1)/1" c.	✓	REFER TO DETAILS AND SINGLE LINE
	DURESS "PANIC ALARM" REPEATER	REFER TO IDS SINGLE LINES AND DETAILS.		✓	✓		(1)/1" c.	✓	REFER TO DETAIL, SHEET TY501
	INTRUSION DETECTION PANEL/ ANNUNCIATION	REFER TO IDS SINGLE LINES AND DETAILS.						✓	PROVIDE AS REQUIRED FOR INSTALLED SYSTEM, COORDINATE WITH VA CONTRACTOR FOR ROUGH-IN REQUIREMENTS
----	BELOW GROUND CONDUIT.								
	LOCAL ALARM BUZZER	REFER TO IDS SINGLE LINES AND DETAILS.					(1)/1" c.	✓	REFER TO DETAIL, SHEET TY501
	WALL MOUNTED COMMUNICATIONS OUTLET FOR CCTV AND SECURITY CONNECTION	PROVIDE (4) CAT 6 CABLES TO ESS PATCH PANEL. PROVIDE SHORTEST PATCH POSSIBLE TO ESS ROOM INSURING TO STAY WITHIN 90 METERS.		✓	✓		(1)/1" c.	✓	HOMRUN CONDUIT TO NEAREST CABLE TRAY TO STAY WITHIN 90' METERS. MOUNT OUTLET AT 18" AFF.

COORDINATION NOTES

SECURITY DEVICE CONDUITS:
THE ELECTRICAL CONTRACTOR (EC) SHALL BE RESPONSIBLE FOR PROVIDING AND INSTALLING ALL CONDUIT AND BACKBOXES REQUIRED FOR INSTALLING ALL SECURITY DEVICES AND ROUTING THE CONDUIT TO THE REQUIRED DESTINATION.

ELECTRICAL POWER:
THE ELECTRICAL CONTRACTOR SHALL PROVIDE 120 VAC/ 20 AMP CIRCUITS TO SERVICE SECURITY SYSTEM POWER SUPPLIES.

FIRESTOPPING:
THE ELECTRICAL CONTRACTOR (EC) SHALL BE RESPONSIBLE FOR FIRESTOPPING FIREWALL CONDUIT PENETRATION ASSEMBLIES TO OBTAIN A UL RATING. THE SECURITY CONTRACTOR SHALL FIRESTOP ANY CONDUITS AFTER INSTALLATION OF CABLE IS COMPLETE.

DOOR HARDWARE LOCK SET, ELECTRIFIED HINGE, ETC:
THE ELECTRICAL CONTRACTOR (EC) SHALL BE RESPONSIBLE FOR COORDINATING WITH DOOR HARDWARE VENDOR FOR ROUGH-IN AND TERMINATION.

FIRE ALARM:
THE SECURITY CONTRACTOR SHALL COORDINATE WITH THE FIRE ALARM CONTRACTOR TO PROVIDE RELAYED, SUPERVISED CONTACTS FOR INTEGRATION TO ACCESS POWER CONTROLLER FOR AUTOMATIC DOOR RELEASE UPON FIRE CONDITIONS.

COORDINATION:
THE SECURITY CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION WITH THE ELECTRICAL CONTRACTOR FOR SPECIFIC LOCATIONS OF ALL CONDUIT, DEVICE LOCATIONS, POWER OUTLETS REQUIREMENTS, ETC BEING PROVIDED BY THE ELECTRICAL CONTRACTOR FOR THE SECURITY SYSTEM.

THIS LIST IS NOT COMPREHENSIVE. THE SECURITY CONTRACTOR SHALL BE RESPONSIBLE FOR ANY ADDITIONAL REQUIREMENTS SHOWN ON THE SECURITY SYSTEM DRAWINGS AND/OR REQUIRED TO PROVIDE A COMPLETE SYSTEM.

GENERAL SECURITY CABLING NOTES

- 1) THE CONTRACTOR SHALL COORDINATE THE ROUTING OF CONDUITS AND CABLE TRAYS TO AVOID CONFLICTS WITH OTHER UTILITIES AND OBSTACLES, WHILE MINIMIZING CHANGES IN DIRECTION AND OVERALL CONDUIT LENGTH. ALL CONDUIT SHALL BE RUN OVERHEAD. OBTAIN APPROVAL OF ENGINEER PRIOR TO ANY CHANGES IN ROUTING.
- 2) CONDUITS RUN INDOORS SHALL BE RUN CONCEALED OVERHEAD ABOVE CEILINGS UNLESS LOCATED IN SPACES WITHOUT CEILINGS, IN AN UNFINISHED SPACE SUCH AS EQUIPMENT ROOMS OR IN SPACES SPECIFICALLY INDICATED TO HAVE EXPOSED CONDUIT INSTALLATIONS. INDOOR CONDUIT SHALL BE EMT WITH STEEL FITTINGS. DIE CAST EMT FITTINGS ARE NOT ALLOWABLE. FITTINGS IN EXPOSED INDOOR LOCATIONS SHALL BE STEEL COMPRESSION TYPE. FITTINGS IN CONCEALED INDOOR LOCATIONS SHALL BE STEEL SET SCREW TYPE. SUPPORT EXPOSED CONDUIT AT A MINIMUM OF 4'-0" ON CENTER WITH 2-HOLE HEAVY DUTY GALVANIZED STEEL HARDWARE. DO NOT RUN CONDUITS BELOW SLAB EXCEPT AS SPECIFICALLY INDICATED.
- 3) SUPPORT CONDUIT DIRECTLY FROM BUILDING STRUCTURE USING APPROVED HARDWARE. DO NOT SUPPORT CONDUIT FROM OTHER SYSTEMS COMPONENTS OR SUPPORTS UNLESS SPECIFICALLY APPROVED BY THE ENGINEER. ROUTE ALL CONDUITS AS HIGH AS POSSIBLE. WHERE CONDUIT IS EXPOSED RUN HARD AGAINST WALL OR UNDERSIDE OF ROOF/FLOOR DECK. RUN ALL CONDUITS PARALLEL/PERPENDICULAR AND PLUMB WITH BUILDING LINES.
- 4) CONDUIT BODIES SUCH AS 'LB' FITTINGS ARE NOT ALLOWABLE.
- 5) PROVIDE PULLBOXES AT EVERY 100 FEET ON CENTER AND AT EACH END OF CONDUIT RUNS CONTAINING TWO 90 deg BENDS (MINIMUM REQUIREMENTS - PROVIDE WHETHER SPECIFICALLY INDICATED OR NOT). CONDUIT RUNS CONTAINING MORE THAN TWO 90 deg BEND WITHOUT A PULLBOX ARE NOT ALLOWABLE. FACTORY BEND CONDUIT ELBOWS AND ALL OTHER BENDS SHALL HAVE A MINIMUM RADIUS OF SIX TIMES THE INTERNAL CONDUIT DIAMETER.
- 6) PULLBOXES FOR CONDUITS SHALL BE AS REQUIRED PER NEC AND BE A MINIMUM OF 12"x12"x6" FOR MULTIPLE CONDUIT JUNCTIONS. TERMINATE CONDUITS AT OPPOSITE ENDS OF PULLBOXES. DO NOT TERMINATE CONDUITS AT RIGHT ANGLES TO EACH OTHER EXCEPT AS SPECIFICALLY INDICATED.
- 7) WHERE CONDUIT AND PULLBOXES ARE LOCATED ABOVE NON-ACCESSIBLE CEILINGS OR SOFFITS (EXAMPLE PLASTER, METAL, OR GYPSUM BOARD), INSTALL AN 18"x 18" ALL ALUMINUM CEILING ACCESS DOOR IN CEILING DIRECTLY BELOW EACH SUCH PULLBOX. ACCESS DOORS SHALL BE MILCO OR APPROVED EQUAL, ALL ALUMINUM CONSTRUCTION AND FASTENERS. PROVIDE ACCESS DOORS FACTORY PRIMED FOR PAINTING AND FINISH PAINT WITH TWO COATS ENAMEL AFTER INSTALLATION TO MATCH EXISTING CEILING, SOFFIT, OR WALL.
- 8) TERMINATE ALL CONDUIT ENDS IN PULLBOXES LOCATED WITHIN 8'-0" OF FINAL CAMERA LOCATIONS AND IN PULLBOXES AT THE CCTV HEADEND.
- 9) PROVIDE PLASTIC INSULATION BUSHINGS ON EXPOSED CONDUITS ENDS. BUSHINGS MUST FIT TIGHTLY ON CONDUIT CONNECTOR THREADS. INSTALL ALL BUSHINGS PRIOR TO PULLING CABLE.

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Drawing Title

SECURITY LEGEND

Approved Project Director

Project Title

PANAMA CITY
JOINT OUTPATIENT CLINIC
VA GULF COAST HEALTH CARE

Location

PANAMA CITY, FLORIDA

Date

MARCH 2012

Checked

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Drawn

CEC

Project Number

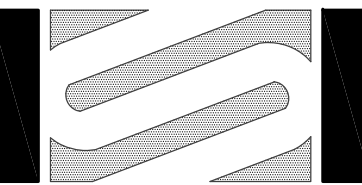
520-326

Building Number

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Drawing Number

TY001
Dwg. 1 of 7



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